# **Errata File : Drive system for an electric Go-kart**

1. Equation 2.15: Calculation of resistance Rt.  
   Original expression

Correction expression

1. Figure 2.6: Change of word in caption “validation” to “simulation”.
2. Figure 2.9: Change of Y-axis title “Gain” to “Normalized values”.
3. Figure 3.15: Gain from λr,max → ids, ref should be 1/Lm.
4. Equation 3.46: Correction in expression for σ.

Original expression   
Corrected expression

This will lead to change in rotor flux value (λr,max) from 0.05671 Wb to 0.047 Wb

And hence the *d-*axis current (ids, ref) from 149.22A to 123.5A

1. Figure 4.5: RUNNING to STANDBY finite state change of word “reference” to “reference source”.
2. Figure 4.8: Output of Reference selection block “Input Selection”.